	/ \	40					
	1	JL 1 4 2008		ATTY. DOCKET NO.	APPLICA	TION NO.	
	1- 11	JL 14 2000		16517.288	10/612,7	83	
	1	FORM PT 5 1449		APPLICANTS		,	
<u>INF</u>	ORMAN	CONTRACTOSURE STA	TEMENT	Thomas J. LA ROSA et al.			
•				FILING DATE	GROUP		
				July 2, 2003	2839		
			U	J.S. PATENT DOCUMENTS	· · · ·		
EXAMINER		DOCUMENT				SUB-	
INITIAL	+	NUMBER	DATE	NAME	CLASS	CLASS	FILING DATE
	AAl						
	ABI	1					
	·		FOR	REIGN PATENT DOCUMENTS			
EXAMINER INITIAL		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB- CLASS	TRANSLATION
	AC1				02.100	027100	Yes
	ACI					<u> </u>	No
	AD1		:	,			Yes No
	_		OTHER (Includi	ing Author, Title, Date, Pertinent Pages,	etc.)	<u>-l</u> l	
	AEI	Degtyarenko et al FEBS, 332(1,2):1-		olution of P450 superfamily and I	2450-containing mo	nooxygenas	se systems,"
	AF1	Werck-Reichhart	et al., "Cytochro	omes P450: a success story," Geno	ome Biology, 1(6) (2	000)	
	AG1	NCBI Website, B	LASTN Accessi	on No. Q05JG2 dated July 1, 200	8		
	AHI	NCBI Website, B	LASTN Accessi	on No. NP_001047855 dated Feb	ruary 14, 2008		
	AII	NCBI Website, B	LASTN Accessi	on No. ABB71585 dated March 5	, 2006		
	AJ1	NCBI Website, B	LASTN Accessi	on No. NP_567581 dated May 22	, 2008		
	AKI	NCBI Website, B	LASTN Accessi	on No. NP_851136 dated May 22	, 2008		
	ALI	NCBI Website, B	LASTN Accessi	on No. ABA55732 dated August	4, 2006		
	AM1	NCBI Website, Bl	LASTN Accessi	on No. CAO63746 dated October	8, 2007		<u> </u>

EXAMINER	DATE CONSIDERED
EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw lin	e through citation if not in conformance and not
considered. Include copy of this form with next communication to Applicant.	

į.			ATTY. DOCKET NO.	APPLICATION NO.	
			16517.288	10/612,783	
		FORM PTO-1449	APPLICANTS		
<u>IN</u>	FORMATIO	ON DISCLOSURE STATEMENT	Thomas J. LA ROSA et al.		
			FILING DATE	GROUP	
			July 2, 2003	2839	
	AN1	NCBI Website, BLASTN Accessi	ion No. ABC86558 dated Septen	nber 1, 2006	
	AOI	NCBI Website, BLASTN Accessi	ion No. ABQ65856 dated Januar	y 31, 2008	
	API	NCBI Website, BLASTN Accessi	ion No. BAG12741 dated March	8, 2008	
	AQI	NCBI Website, BLASTN Accession No. BAG12743 dated March 8, 2008			
	AR1	NCBI Website, BLASTN Accession No. CAA16713 dated November 14, 2006			
	AS1	NCBI Website, BLASTN Accession No. NP_974574 dated May 22, 2008			
	ATI	NCBI Website, BLASTN Accession No. NP_199347 dated May 22, 2008			
	AUI	NCBI Website, BLASTN Accession No. CAO61343 dated October 8, 2007			
	AVI	NCBI Website, BLASTN Accessi	on No. A2Z212 dated July 1, 20	08	
	AW1	NCBI Website, BLASTN Accessi	on No. NP_001063366 dated Fe	bruary 14, 2008	
	AXI	NCBI Website, BLASTN Accession No. BAG12742 dated March 8, 2008			
	AYI	NCBI Website, BLASTN Accessi	on No. CAO47816 dated Octobe	er 8, 2007	
	AZI	NCBI Website, BLASTN Accessi	on No. CAN79871 dated Februa	ry 5, 2008	

EXAMINER	DATE CONSIDERED
	·
EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line	through citation if not in conformance and not

examiner: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.

			ATTY. DOCKET NO.	APPLICATION NO.	
			16517.288	10/612,783	
		FORM PTO-1449	APPLICANTS		
INF	ORMATIC	ON DISCLOSURE STATEMENT	Thomas J. LA ROSA et al.		
			FILING DATE	GROUP	
			July 2, 2003	2839	
	AA2	NCBI Website, BLASTN Access	ion No. NP_566628 dated May	22, 2008	
_			·		
	AB2	NCBI Website, BLASTN Access	ion No. NP_180473 dated May	22, 2008	
	AC2	NCBI Website, BLASTN Access	ion No. ABA55733 dated Augu	st 4, 2006	
	AD2	NCBI Website, BLASTN Access	ion No. ABX38720 dated Decer	mber 1, 2007	
	AE2	NCBI Website, BLASTN Accession No. ABB71586 dated March 5, 2006			
	AF2	NCBI Website, BLASTN Accession No. AAZ23260 dated February 16, 2006			
	AG2	NCBI Website, BLASTN Accession No. BAD38475 dated February 16, 2008			
	AH2	NCBI Website, BLASTN Access	ion No. ABC86559 dated Septer	mber 1, 2006	
	AI2	NCBI Website, BLASTN Access	ion No. EAZ07320 dated Februa	ary 9, 2007	
	AJ2	NCBI Website, BLASTN Access	ion No. Q09J78 dated July 1, 20	08	
	AK2	NCBI Website, BLASTN Access	ion No. BAG12744 dated March	n 8, 2008	
	AL2	NCBI Website, BLASTN Access	ion No. NP_001062021 dated Fo	ebruary 14, 2008	
	AM2	NCBI Website, BLASTN Access	ion No. CAO21623 dated Octob	per 8, 2007 .	
L	-				

EXAMINER	DATE CONSIDERED
EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw li	ne through citation if not in conformance and not
considered. Include copy of this form with next communication to Applicant.	

16517.288 10/612,783 10/612,783 APPLICANTS Thomas J. LA ROSA et al. FILING DATE July 2, 2003 2839 2839				ATTY. DOCKET NO.	APPLICATION NO.	
INFORMATION DISCLOSURE STATEMENT Thomas J. LA ROSA et al. FILING DATE July 2, 2003 AN2 NCBI Website, BLASTN Accession No. ABC59109 dated June 6, 2007 AO2 NCBI Website, BLASTN Accession No. BAB02968 dated February 14, 2004 AP2 NCBI Website, BLASTN Accession No. CAO71844 dated October 8, 2007 AO2 NCBI Website, BLASTN Accession No. ABC86560 dated September 1, 2006 AR2 NCBI Website, BLASTN Accession No. ABW81069 dated March 30, 2008 AS2 NCBI Website, BLASTN Accession No. CAN82146 dated February 5, 2008 AT2 NCBI Website, BLASTN Accession No. CAN71726 dated February 5, 2008 AU2 NCBI Website, BLASTN Accession No. EAZ43058 dated February 12, 2007 AV2 NCBI Website, BLASTN Accession No. ABC68415 dated August 8, 2006 AW2 NCBI Website, BLASTN Accession No. ABC77270 dated February 15, 2008 AX2 NCBI Website, BLASTN Accession No. DQ887714 dated October 16, 2006 AV2 NCBI Website, BLASTN Accession No. DQ887714 dated October 16, 2006 AV2 NCBI Website, BLASTN Accession No. NM_001054390 dated February 14, 2008			·	16517.288	10/612,783	
Thomas J. LA ROSA et al. FILING DATE July 2, 2003 AN2 NCBI Website, BLASTN Accession No. ABC59109 dated June 6, 2007 AO2 NCBI Website, BLASTN Accession No. BAB02968 dated February 14, 2004 AP2 NCBI Website, BLASTN Accession No. CAO71844 dated October 8, 2007 AQ2 NCBI Website, BLASTN Accession No. ABC86560 dated September 1, 2006 AR2 NCBI Website, BLASTN Accession No. ABW81069 dated March 30, 2008 AS2 NCBI Website, BLASTN Accession No. CAN82146 dated February 5, 2008 AT2 NCBI Website, BLASTN Accession No. CAN71726 dated February 5, 2008 AU2 NCBI Website, BLASTN Accession No. EAZ43058 dated February 12, 2007 AV2 NCBI Website, BLASTN Accession No. ABC68415 dated August 8, 2006 AW2 NCBI Website, BLASTN Accession No. ABC77270 dated February 15, 2008 AX2 NCBI Website, BLASTN Accession No. AB277270 dated February 15, 2008 AX2 NCBI Website, BLASTN Accession No. DQ887714 dated October 16, 2006 AX2 NCBI Website, BLASTN Accession No. DQ887714 dated October 16, 2006 AX2 NCBI Website, BLASTN Accession No. DQ887714 dated Detober 16, 2006			FORM PTO-1449	APPLICANTS		
AN2 NCBI Website, BLASTN Accession No. ABC59109 dated June 6, 2007 AO2 NCBI Website, BLASTN Accession No. BAB02968 dated February 14, 2004 AP2 NCBI Website, BLASTN Accession No. CAO71844 dated October 8, 2007 AQ2 NCBI Website, BLASTN Accession No. ABC86560 dated September 1, 2006 AR2 NCBI Website, BLASTN Accession No. ABW81069 dated March 30, 2008 AS2 NCBI Website, BLASTN Accession No. CAN82146 dated February 5, 2008 AT2 NCBI Website, BLASTN Accession No. CAN71726 dated February 5, 2008 AU2 NCBI Website, BLASTN Accession No. EAZ43058 dated February 12, 2007 AV2 NCBI Website, BLASTN Accession No. ABC68415 dated August 8, 2006 AW2 NCBI Website, BLASTN Accession No. AB277270 dated February 15, 2008 AX2 NCBI Website, BLASTN Accession No. DQ887714 dated October 16, 2006 AV2 NCBI Website, BLASTN Accession No. DQ887714 dated October 16, 2006 AV2 NCBI Website, BLASTN Accession No. DQ887714 dated October 16, 2006 AV2 NCBI Website, BLASTN Accession No. NM_001054390 dated February 14, 2008	INF			Thomas J. LA ROSA et al.		
AN2 NCBI Website, BLASTN Accession No. ABC59109 dated June 6, 2007 AO2 NCBI Website, BLASTN Accession No. BAB02968 dated February 14, 2004 AP2 NCBI Website, BLASTN Accession No. CAO71844 dated October 8, 2007 AO2 NCBI Website, BLASTN Accession No. ABC86560 dated September 1, 2006 AR2 NCBI Website, BLASTN Accession No. ABW81069 dated March 30, 2008 AS2 NCBI Website, BLASTN Accession No. CAN82146 dated February 5, 2008 AT2 NCBI Website, BLASTN Accession No. CAN71726 dated February 5, 2008 AU2 NCBI Website, BLASTN Accession No. EAZ43058 dated February 12, 2007 AV2 NCBI Website, BLASTN Accession No. ABC68415 dated August 8, 2006 AW2 NCBI Website, BLASTN Accession No. AB277270 dated February 15, 2008 AX2 NCBI Website, BLASTN Accession No. DQ887714 dated October 16, 2006 AY2 NCBI Website, BLASTN Accession No. NM_001054390 dated February 14, 2008				FILING DATE	GROUP	
NCBI Website, BLASTN Accession No. BAB02968 dated February 14, 2004 AP2 NCBI Website, BLASTN Accession No. CAO71844 dated October 8, 2007 AQ2 NCBI Website, BLASTN Accession No. ABC86560 dated September 1, 2006 AR2 NCBI Website, BLASTN Accession No. ABW81069 dated March 30, 2008 AS2 NCBI Website, BLASTN Accession No. CAN82146 dated February 5, 2008 AT2 NCBI Website, BLASTN Accession No. CAN71726 dated February 5, 2008 AU2 NCBI Website, BLASTN Accession No. EAZ43058 dated February 12, 2007 AV2 NCBI Website, BLASTN Accession No. ABC68415 dated August 8, 2006 AW2 NCBI Website, BLASTN Accession No. AB277270 dated February 15, 2008 AX2 NCBI Website, BLASTN Accession No. DQ887714 dated October 16, 2006 AV2 NCBI Website, BLASTN Accession No. NM_001054390 dated February 14, 2008				July 2, 2003	2839	
AP2 NCBI Website, BLASTN Accession No. CAO71844 dated October 8, 2007 AQ2 NCBI Website, BLASTN Accession No. ABC86560 dated September 1, 2006 AR2 NCBI Website, BLASTN Accession No. ABW81069 dated March 30, 2008 AS2 NCBI Website, BLASTN Accession No. CAN82146 dated February 5, 2008 AT2 NCBI Website, BLASTN Accession No. CAN71726 dated February 5, 2008 AU2 NCBI Website, BLASTN Accession No. EAZ43058 dated February 12, 2007 AV2 NCBI Website, BLASTN Accession No. ABC68415 dated August 8, 2006 AW2 NCBI Website, BLASTN Accession No. AB277270 dated February 15, 2008 AX2 NCBI Website, BLASTN Accession No. DQ887714 dated October 16, 2006 AY2 NCBI Website, BLASTN Accession No. NM_001054390 dated February 14, 2008		AN2	NCBI Website, BLASTN Accession	n No. ABC59109 dated June 6, 2	2007	
AQ2 NCBI Website, BLASTN Accession No. ABC86560 dated September 1, 2006 AR2 NCBI Website, BLASTN Accession No. ABW81069 dated March 30, 2008 AS2 NCBI Website, BLASTN Accession No. CAN82146 dated February 5, 2008 AT2 NCBI Website, BLASTN Accession No. CAN71726 dated February 5, 2008 AU2 NCBI Website, BLASTN Accession No. EAZ43058 dated February 12, 2007 AV2 NCBI Website, BLASTN Accession No. ABC68415 dated August 8, 2006 AW2 NCBI Website, BLASTN Accession No. AB277270 dated February 15, 2008 AX2 NCBI Website, BLASTN Accession No. DQ887714 dated October 16, 2006 AY2 NCBI Website, BLASTN Accession No. NM_001054390 dated February 14, 2008		AO2	NCBI Website, BLASTN Accession No. BAB02968 dated February 14, 2004			
AR2 NCBI Website, BLASTN Accession No. ABW81069 dated March 30, 2008 AS2 NCBI Website, BLASTN Accession No. CAN82146 dated February 5, 2008 AT2 NCBI Website, BLASTN Accession No. CAN71726 dated February 5, 2008 AU2 NCBI Website, BLASTN Accession No. EAZ43058 dated February 12, 2007 AV2 NCBI Website, BLASTN Accession No. ABC68415 dated August 8, 2006 AW2 NCBI Website, BLASTN Accession No. AB277270 dated February 15, 2008 AX2 NCBI Website, BLASTN Accession No. DQ887714 dated October 16, 2006 AY2 NCBI Website, BLASTN Accession No. NM_001054390 dated February 14, 2008		AP2	NCBI Website, BLASTN Accession	NCBI Website, BLASTN Accession No. CAO71844 dated October 8, 2007		
AS2 NCBI Website, BLASTN Accession No. CAN82146 dated February 5, 2008 AT2 NCBI Website, BLASTN Accession No. CAN71726 dated February 5, 2008 AU2 NCBI Website, BLASTN Accession No. EAZ43058 dated February 12, 2007 AV2 NCBI Website, BLASTN Accession No. ABC68415 dated August 8, 2006 AW2 NCBI Website, BLASTN Accession No. AB277270 dated February 15, 2008 AX2 NCBI Website, BLASTN Accession No. DQ887714 dated October 16, 2006 AY2 NCBI Website, BLASTN Accession No. NM_001054390 dated February 14, 2008		AQ2	NCBI Website, BLASTN Accession No. ABC86560 dated September 1, 2006			
AS2 NCBI Website, BLASTN Accession No. CAN82146 dated February 5, 2008 AT2 NCBI Website, BLASTN Accession No. CAN71726 dated February 5, 2008 AU2 NCBI Website, BLASTN Accession No. EAZ43058 dated February 12, 2007 AV2 NCBI Website, BLASTN Accession No. ABC68415 dated August 8, 2006 AW2 NCBI Website, BLASTN Accession No. AB277270 dated February 15, 2008 AX2 NCBI Website, BLASTN Accession No. DQ887714 dated October 16, 2006 AY2 NCBI Website, BLASTN Accession No. NM_001054390 dated February 14, 2008		AR2				
AU2 NCBI Website, BLASTN Accession No. EAZ43058 dated February 12, 2007 AV2 NCBI Website, BLASTN Accession No. ABC68415 dated August 8, 2006 AW2 NCBI Website, BLASTN Accession No. AB277270 dated February 15, 2008 AX2 NCBI Website, BLASTN Accession No. DQ887714 dated October 16, 2006 AY2 NCBI Website, BLASTN Accession No. NM_001054390 dated February 14, 2008		AS2				
AV2 NCBI Website, BLASTN Accession No. ABC68415 dated August 8, 2006 AW2 NCBI Website, BLASTN Accession No. AB277270 dated February 15, 2008 AX2 NCBI Website, BLASTN Accession No. DQ887714 dated October 16, 2006 AY2 NCBI Website, BLASTN Accession No. NM_001054390 dated February 14, 2008		AT2	NCBI Website, BLASTN Accession No. CAN71726 dated February 5, 2008			
AW2 NCBI Website, BLASTN Accession No. AB277270 dated February 15, 2008 AX2 NCBI Website, BLASTN Accession No. DQ887714 dated October 16, 2006 AY2 NCBI Website, BLASTN Accession No. NM_001054390 dated February 14, 2008		AU2	NCBI Website, BLASTN Accession No. EAZ43058 dated February 12, 2007			
AX2 NCBI Website, BLASTN Accession No. DQ887714 dated October 16, 2006 AY2 NCBI Website, BLASTN Accession No. NM_001054390 dated February 14, 2008		AV2	NCBI Website, BLASTN Accession	1 No. ABC68415 dated August 8	3, 2006	
AY2 NCBI Website, BLASTN Accession No. NM_001054390 dated February 14, 2008		AW2	NCBI Website, BLASTN Accession	n No. AB277270 dated February	15, 2008	
		AX2	NCBI Website, BLASTN Accession	n No. DQ887714 dated October	16, 2006	
AZ2 NCBI Website, BLASTN Accession No. AK067007 dated February 16, 2008		AY2	NCBI Website, BLASTN Accession	n No. NM_001054390 dated Feb	ruary 14, 2008	
		AZ2	NCBI Website, BLASTN Accession	n No. AK067007 dated February	16, 2008	

DATE CONSIDERED	

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.

		ATTY. DOCKET NO.	APPLICATION NO.	
		16517.288	10/612,783	
	FORM PTO-1449	APPLICANTS		
	ON DISCLOSURE STATEMENT	Thomas J. LA ROSA et al.		
		FILING DATE	GROUP	
		July 2, 2003	2839	
AA3	NCBI Website, BLASTN Accessi			
			·	
AB3	NCBI Website, BLASTN Accessi	on No. DQ145932 dated March	5, 2006	
AC3	NCBI Website, BLASTN Accessi	NCBI Website, BLASTN Accession No. AP005825 dated February 16, 2008		
AD3	NCBI Website, BLASTN Accession No. AP004052 dated February 16, 2008			
AE3	NCBI Website, BLASTN Accession No. AK288402 dated February 16, 2008			
AF3	NCBI Website, BLASTN Accession No. NM_001069901 dated February 14, 2008			
AG3	NCBI Website, BLASTN Accession No. DQ887715 dated October 16, 2006			
АНЗ	NCBI Website, BLASTN Accession No. AP008208 dated May 19, 2007			
AI3	NCBI Website, BLASTN Access	ion No. NM_001068556 dated	February 14, 2008	
AJ3	NCBI Website, BLASTN Accessi	on No. AK120757 dated Februa	ary 16, 2008	
AK3	NCBI Website, BLASTN Accessi	on No. DQ145933 dated March	5, 2006	
AL3	NCBI Website, BLASTN Accessi	on No. AB235919 dated March	8, 2008	
AM3	NCBI Website, BLASTN Accessi	on No. EF377341 dated January	y 31, 2008	

EXAMINER			DATE (CONSID	ERED		

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.

		ATTY. DOCKET NO.	APPLICATION NO.
		16517.288	10/612,783
	FORM PTO-1449	APPLICANTS	
INFORMATIO	ON DISCLOSURE STATEMENT	Thomas J. LA ROSA et al	:
		FILING DATE	GROUP
		July 2, 2003	2839
AN3	NCBI Website, BLASTN Access	ion No. DQ352541 dated Septer	mber 1, 2006
AO3	NCBI Website, BLASTN Access	ion No. NM_118043 dated May	22, 2008
AP3	NCBI Website, BLASTN Access	ion No. AY091446 dated Septer	mber 18, 2002
AQ3	NCBI Website, BLASTN Accession No. AY050980 dated September 18, 2002		
AR3	NCBI Website, BLASTN Accession No. AB122149 dated April 17, 2004		
AS3	NCBI Website, BLASTN Accession No. NM_202845 dated May 22, 2008		
АТЗ	NCBI Website, BLASTN Accession No. AY107506 dated June 6, 2008		
AU3	NCBI Website, BLASTN Access	ion No. BX828383 dated Februa	ary 6, 2004
AV3.	NCBI Website, BLASTN Access	ion No. AP008215 dated May 1	9, 2007
AW3	NCBI Website, BLASTN Access	ion No. AP006057 dated Februa	ary 16, 2008
AX3	NCBI Website, BLASTN Accession No. DQ340252 dated August 8, 2006		
AY3	NCBI Website, BLASTN Access	ion No. AB235917 dated March	8, 2008
AZ3	NCBI Website, BLASTN Access	ion No. AP008214 dated May 1	9, 2007

EXAMINER		DATE CONSIDERED
TOTAL AND THE STATE OF	 C :4) (DED (00 D 1'	11 1 1 1

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.

		•	1
		ATTY. DOCKET NO.	APPLICATION NO.
FORM PTO-1449 INFORMATION DISCLOSURE STATEMENT		16517.288	10/612,783
		APPLICANTS	
		Thomas J. LA ROSA et al.	
		FILING DATE	GROUP
		July 2, 2003	2839
AA4	NCBI Website, BLASTN Accession No. AP004457 dated February 16, 2008		
AB4	NCBI Website, BLASTN Accession No. NM_123902 dated May 22, 2008		
AC4	NCBI Website, BLASTN Accession No. NM_180805 dated May 22, 2008		
AD4	NCBI Website, BLASTN Accession No. AY102136 dated May 16, 2002		
AE4	NCBI Website, BLASTN Accession No. AY065065 dated January 7, 2002		
AF4	NCBI Website, BLASTN Accession No. AB122150 dated April 17, 2004		
AG4	NCBI Website, BLASTN Accession No. BX831670 dated February 6, 2004		

EXAMINER DATE CONSIDERED